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FORM PTO-1390  
(REV. 1-98)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

E-3894PCT 617783-9

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**09/529159**INTERNATIONAL APPLICATION NO.  
PCT/GB98/03011INTERNATIONAL FILING DATE  
08 October 1998PRIORITY DATE CLAIMED  
08 October 1997

TITLE OF INVENTION  
"LIQUID CRYSTAL DEVICE ALIGNMENT"

APPLICANT(S) FOR DO/EO/US

SEE PAGE 1A of 2

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau. A copy of the International Appln. as published is enclosed.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:
  - copy PCT Form IB/308
  - copy of published International Application
  - copy of PCT Chapter II Demand
  - copy of International Preliminary Examination Report
  - copy of International Search Report (see enclosed Information Disclosure Statement)
  - w/cited documents

U.S. APPLICATION NO. (if known, see 37 CFR 1.4)

INTERNATIONAL APPLICATION NO.

ATTORNEY'S DOCKET NUMBER

09/529159

PCT/GB98/03011

B-3894PCT 617783-9

CALCULATIONS PTO USE ONLY

17. ☒ The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):

Neither international preliminary examination fee (37 CFR 1.482)  
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO  
and International Search Report not prepared by the EPO or JPO ..... \$ 970.00International preliminary examination fee (37 CFR 1.482) not paid to  
USPTO but International Search Report prepared by the EPO or JPO ..... \$ 840.00International preliminary examination fee (37 CFR 1.482) not paid to USPTO  
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$ 690.00International preliminary examination fee (37 CFR 1.482) paid to USPTO  
but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$ 670.00International preliminary examination fee (37 CFR 1.482) paid to USPTO  
and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$ 96.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$ 970.00

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$

CLAIMS NUMBER FILED NUMBER EXTRA RATE

\$

Total claims 59 - 20 = 39 x \$ 18.00

\$ 702.00

Independent claims 5 - 3 = 2 x \$ 78.00

\$ 156.00

MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$260.00

\$

TOTAL OF ABOVE CALCULATIONS =

\$

Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement  
must also be filed (Note 37 CFR 1.9, 1.27, 1.28). +

\$

SUBTOTAL =

\$ 1,828.00

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30  
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$

TOTAL NATIONAL FEE =

\$ 1,828.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be  
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

\$

TOTAL FEES ENCLOSED =

\$ 1,828.00

Amount to be  
refunded:

\$

charged:

\$

a. ☒ A check in the amount of \$ 1,828.00 to cover the above fees is enclosed.b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
overpayment to Deposit Account No. 12-0415. A duplicate copy of this sheet is enclosed.NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR  
1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Date: April 7, 2000

LADAS &amp; PARRY

5670 Wilshire Blvd., #2100

Los Angeles, California 90036-5679

Telephone No.: (323) 934-2300

Telefax No.: (323) 934-0202

SIGNATURE

Richard P. Berg

NAME

28,145

REGISTRATION NUMBER

IN THE UNITED STATES DESIGNATED OFFICE (DO/US)

REGARDING THE INTERNATIONAL APPLICATION OF  
Guy Peter BRYAN-BROWN, ET AL.  
ENTITLED: "LIQUID CRYSTAL DEVICE ALIGNMENT"  
INTERNATIONAL APPLN. NO. PCT/GB98/03011  
Our Ref: B-3894 PCT 617783-9

Commissioner of Patents and Trademarks  
BOX PCT  
Washington, D.C. 20231

Att: United States Designated/Elected Office (DO/EO/US)

INTERNATIONAL STAGE EXPRESS MAIL CERTIFICATE

"Express Mail" label number EL128324327US

Date of Deposit: April 7, 2000

I hereby certify that the following attached papers or fee

- postcard
- check for \$1,828.00
- Transmittal Letter (3 pages)
- copy of form PCT/IB/308 (1 page)
- copy of International Application as published  
consisting of:
  - information page (1 page)
  - Specification (52 pages)
  - Claims (8 pages)
  - drawings (10 sheets)
  - International Search Report (3 pages)
- copy of PCT CHAPTER II DEMAND (4 pages)
- copy of International Preliminary Examination Report  
(8 pages)
- Information Disclosure Statement (PTO FORM 1449-Modified)  
with cover sheet, copy of International Search Report  
and 4 cited documents

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Box PCT, Washington, D.C. 20231, Attn: United States Designated/Elected Office (DO/EO/US).

Diane Shapiro  
(typed or printed name of person matting paper or fee)

Diane Shapiro

APPLICANTS FOR DO/EO/US

- (1) Guy Peter BRYAN-BROWN
- (2) Victor Chaklam HUI
- (3) John Clifford JONES
- (4) Ian Charles SAGE
- (5) Emma Louise WOOD